

## SECTION 747 CABINET BASES

**747.01 Description.** This work consists of installing cabinet bases.

**747.02 Materials.** The concrete for cabinet bases shall conform to [Section 812](#), Class B. The ground rod shall be at minimum a 3/4O (19 mm) diameter by 10N (3 m) copper covered ground rod approved by the Underwriters Laboratories and include an approved clamp for connecting the grounding conductor to the rod. The Contractor shall supply the anchoring system for the cabinet bases. The anchoring system shall consist of four 5/8O (M16) inserts and four galvanized 5/8O (M16) hex bolts, 12O (38 mm) long.

**747.03 Construction Methods.** The bases shall conform to the dimensions as shown on the Standard Construction Details. A minimum of 6N (1.8 m) of the ground rod must be driven into undisturbed soil. Conduits entering the base must enter only in the designated area. A minimum distance of 1O (25 mm) shall be maintained between conduits and a minimum distance of 2O (50 mm) between conduits and the ground rod.

The bases shall be formed to the full depth or as directed by the Engineer. Where conduit had previously been installed, connection to the conduit in the base shall be made before placing concrete. Conduit sweeps shall be placed in the base as indicated on the Plans and the Standard Construction Details. All bases shall be constructed with one capped spare conduit sweep in addition to all conduit sweeps shown on the Plans. An arrow shall be placed on the surface of the outer edges of the base indicating where each conduit leaves the base. Conduit sweeps shall be 90 degree elbows with smooth 24O (600 mm) radii and undamaged galvanizing.

**747.04 Method of Measurement.** The quantity of cabinet bases will be measured as the actual number of cabinet bases constructed.

**747.05 Basis of Payment.** The quantity of cabinet bases will be paid for at the Contract unit price per each. Price and payment will constitute full compensation for furnishing and placing all materials; for excavating and backfilling around the bases; and for all labor, equipment, tools, and incidentals required to complete the work.

All conduit sweeps in the base will be paid for under [Section 745](#).